

**JP Patent Abstract, vol. 1997, no. 3, JP 08287901
1327.003WO1**

3/9/1

DIALOG(R)File 351:Derwent WPI

(c) 2002 Thomson Derwent. All rts. reserv.

011048817 **Image available** WPI Acc No: 1997-026741/199703

XRAM Acc No: C97-008193 XRPX Acc No: N97-022519

**Positive pole for lithium sec. cell for power source of small and light wt. el
comprising material contg. at least lithium is vapour deposited on electrode substrate,
oxide film contg. lithium-oxide formed on substrate**

Patent Assignee: NISSHIN ELECTRICAL CO LTD (NDEN)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

JP 8287901 A 19961101 JP 9593860 A 19950419 199703 B

Priority Applications (No Type Date): JP 9593860 A 19950419

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 8287901 A 6 H01M-004/04

Abstract (Basic): JP 8287901 A

Method comprises: (a) a material contg. at least Li is vapour deposited on an electrode substrate and simultaneously ions are irradiated on the substrate; and (b) an oxide film contg. at least Li-oxide is formed on the substrate by blowing O₂ on the substrate.

USE - The cell is suitable for power source of smaller size and light wt. electronic appts..

ADVANTAGE - The electrode has improved property since adhesiveness of the oxide film with the electrode substrate is improved.

Dwg.1/1

Title Terms: POSITIVE; POLE; LITHIUM; SEC; CELL; POWER; SOURCE; LIGHT; WEIGHT; ELECTRONIC; APPARATUS; COMPRISE; MATERIAL; CONTAIN; LITHIUM; VAPOUR; DEPOSIT; ELECTRODE; SUBSTRATE; OXIDE; FILM; CONTAIN; LITHIUM; OXIDE; FORMING; SUBSTRATE

Derwent Class: L03; X16

International Patent Class (Main): H01M-004/04

International Patent Class (Additional): C23C-014/22

File Segment: CPI; EPI

Manual Codes (CPI/A-N): L03-E01B5

Manual Codes (EPI/S-X): X16-E08A